

FORM PTO-1449 (Modified) <b>INFORMATION &amp; DISCLOSURE STATEMENT BY APPLICANT</b> (37 CFR § 1.98(b))		U.S. Department of Commerce Patent and Trademark Office		Attorney Docket No.: COOL-01400		Serial No.: 10/612,241		
				Applicants: James Lovette et al.				
				Filing Date: July 1, 2003		Group Art Unit: 3743		
		<b>U.S. PATENT DOCUMENTS</b>						
Examiner Initials		Serial / Patent Number	Issue Date	Applicant / Patentee	Class	Subclass	Filing Date	
	AA							
	AB							
	AC							
	AD							
	AE							
	AF							
	AG							
	AH							
	AI							
	AJ							
<b>FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS</b>								
		Document Number	Publication Date	Country / Patent Office	Class	Subclass	Translation	
							Yes	No
TD	AK	JP 1-256775	10/13/89	JP	F 25 D	9/00		X
	AL							
	AM							
	AN							
	AO							
<b>OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)</b>								
	AP							
	AQ							
	AR							
	AS							
	AT							
	AU							
	AV							
	AW							
	AX							
	AY							
	AZ							
Examiner:	<i>Howard J. Duncum</i>			Date Considered:	<i>10/13/05</i>			
EXAMINER:	Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

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	AI							
	AJ							
<b>FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS</b>								
		Document Number	Publication Date	Country / Patent Office	Class	Subclass	Translation	
<i>TD</i>	AK	JP 10-99592	04/21/98	JP	D06F	39/08	<input type="checkbox"/>	X
<i>TD</i>	AL	JP 2001-326311	11/22/01	JP	H01L	23/427	<input type="checkbox"/>	X
	AM						<input type="checkbox"/>	
	AN						<input type="checkbox"/>	
	AO						<input type="checkbox"/>	
<b>OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)</b>								
AP								
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AS								
AT								
AU								
AV								
AW								
AX								
AY								
AZ								
Examiner: <i>Thomas May</i>	Date Considered: 10/13/05							
EXAMINER:	Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

# ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	MULTI-LEVEL MICROCHANNEL HEAT EXCHANGERS
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Application Number : 10/612241



Confirmation Number: 3319

First Named Applicant: James Lovette

Attorney Docket Number:

Art Unit:

Examiner:

Search string: ( 0596062 or 2273505 or 4211208 or 6119729 or 6397932 or 20020075645 ).pn

Certification: This Information Disclosure Statement was submitted under the following conditions, which satisfies the requirement under 37 CFR 1.97(e). The filer certified:

That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement.

## US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
1)	1	0596062	1897-12-28	W. P. Firey			
2)	2	2273505	1942-02-17	R. R. Florian			
3)	3	4211208	1980-07-08	Lindner			
4)	4	6119729	2000-09-19	Oberholzer et al.			
5)	5	6397932	2002-06-04	Calaman et al.	B1		

## US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
1)	1	20020075645	2002-06-20	Kitano et al.	A1		

## Signature

Examiner Name

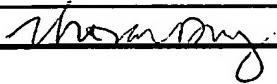
Date

10/13/05

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Electronic Version v18

Stylesheet Version v18.0

Title of Invention	MULTI-LEVEL MICROCHANNEL HEAT EXCHANGERS						
Application Number :	10/612241						
Confirmation Number:	3319						
First Named Applicant:	James Lovette						
Attorney Docket Number:							
Art Unit:							
Examiner:							
Search string:	( 4644385 or 4893174 or 5386143 or 5658831 or 6140860 ).pn						
<p><u>Certification:</u> This Information Disclosure Statement was submitted under the following conditions, which satisfies the requirement under 37 CFR 1.97(e). The filer certified:</p> <p>That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement.</p>							
<p><b>US Patent Documents</b></p>							
<p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p>							
init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
TD	1	4644385	1987-02-17	Nakanishi et al.			
TD	2	4893174	1990-01-09	Yamada et al.			
TD	3	5386143	1995-01-31	Fitch			
TD	4	5658831	1997-08-19	Layton et al.			
TD	5	6140860	2000-10-31	Sandhu et al.			
<p><b>Signature</b></p>							
Examiner Name				Date			
				6/13/05			